

8-23 TEMPORARY PAVEMENT MARKINGS**8-23.1 Description**

The Work consists of furnishing and installing temporary pavement markings. Temporary pavement markings shall be provided where noted in the Plans and for all lane shifts and detours resulting from construction activities. Temporary pavement markings shall also be provided when permanent markings are eliminated because of construction operations. Temporary pavement markings shall be maintained in serviceable condition throughout the project until permanent pavement markings are installed. Temporary pavement markings that are damaged shall be repaired or replaced immediately. Temporary painted center lines, edge lines, or lane lines and temporary raised pavement markers that are, in the opinion of the Engineer, damaged due to normal wear by traffic, shall be replaced. Any temporary line marked with tape shall be repaired immediately when it no longer provides the intended use.

Temporary pavement marking installations are defined as follows:

Temporary Center Line

A BROKEN line used to delineate adjacent lanes of traffic moving in opposite directions. The broken pattern shall be based on a 40-foot unit, consisting of a 4-foot line with a 36-foot gap if paint or tape is used. If temporary raised pavement markers are used, the pattern shall be based on a 40-foot unit, consisting of a grouping of 3 temporary raised pavement markers, each spaced 3-feet apart, with a 34-foot gap.

Temporary Edge Line

A SOLID line used on the edges of Traveled Way. The line shall be continuous if paint or tape is used. If temporary raised pavement markers are used, the line shall consist of markers installed continuously at 5-foot spacings.

Temporary Lane Line

A BROKEN line used to delineate adjacent lanes with traffic traveling in the same direction. The broken pattern shall be based on a 40-foot unit, consisting of a 4-foot line with a 36-foot gap, if paint or tape is used. If temporary raised pavement markers are used, the pattern shall be based on a 40-foot unit, consisting of a grouping of 3 temporary raised pavement markers, each spaced 3-feet apart, with a 34-foot gap.

Lane line and right edge line shall be white in color. Center line and left edge line shall be yellow in color. Edge Lines shall be installed only if specifically required in the Contract. All temporary pavement markings shall be retroreflective.

8-23.2 Materials

Materials for temporary markings shall be paint, tape, or raised pavement markers and selected from approved materials listed in the Qualified Products List.

8-23.3 Construction Requirements**8-23.3(1) Preliminary Spotting and Removal**

All preliminary layout and marking in preparation for application and the application and removal of temporary pavement markings shall be the responsibility of the Contractor.

Temporary flexible raised pavement markers are required for bituminous surface treatment operations.

Temporary pavement markings consisting of paint or tape may be paved over, but temporary raised pavement markers or removable tape shall be removed prior to paving.

Any temporary pavement markings that are required on the wearing course prior to construction of permanent pavement markings and are not a part of the permanent markings shall be completely removed concurrent with or immediately subsequent to the construction of the permanent pavement markings. Temporary flexible raised pavement markers on bituminous surface treatment pavements shall be cut off flush with the surface if their location conflicts with the alignment of the permanent pavement markings.

All damage to the permanent Work caused by removing temporary pavement markings shall be repaired by the Contractor at no additional cost to the Contracting Agency.

8-23.3(2) Beading and Tolerances

Beading shall be in accordance with [Section 8-22.3\(3\)](#). Line tolerances shall be in accordance with [Section 8-22.3\(4\)](#).

8-23.4 Measurement

Temporary center line, temporary edge line, temporary lane line, and temporary raised pavement markers will be measured by the linear foot of each installed line or grouping of markers, with no deduction for gaps in the line or markers.

Reinstalled paint markings and raised pavement markers, when ordered by the Engineer due to normal wear by traffic, will be measured again, each time ordered. Repair, for any reason, of temporary markings made with tape shall not be measured.

Removing temporary center line, temporary edge line, temporary lane line, and temporary raised pavement markers will be measured by the linear foot of each line or grouping of markers removed, with no deduction for gaps in the line or markers.

8-23.5 Payment

Payment will be made in accordance with [Section 1-04.1](#), for each of the following Bid items that are included in the Proposal:

“Temporary Pavement Marking,” per linear foot.

The unit Contract price per linear foot for “Temporary Pavement Marking” shall be full pay for constructing and maintaining temporary lines and markers as specified. Unless a Bid item has been included in the Proposal to pay for removal of temporary pavement markings, all costs for removal of temporary pavement markings shall be included in the unit Contract price per linear foot for “Temporary Pavement Marking.” No additional compensation will be allowed when the Contractor is required to repair temporary taped markings that have been damaged or worn.

“Removing Temporary Pavement Marking,” per linear foot.